

HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM MEETING MINUTES

July 26, 2012

These minutes summarize the meeting of the Hunters Point Naval Shipyard (HPNS) Base Realignment and Closure (BRAC) Cleanup Team (BCT) held on July 26, 2012 at CH2M HILL's office in Oakland, California. Participants in the meeting included the BCT, which is made up of representatives from the U.S. Navy, the U.S. Environmental Protection Agency (USEPA), the California Department of Toxic Substances Control (DTSC), and the San Francisco Bay Regional Water Quality Control Board (Water Board). The City of San Francisco (City), their consultants, the Lennar team of developers, and Navy consultants also attended the meeting. These minutes describe the key points, decisions, and action items agreed to at the meeting. A list of attendees is included as Attachment A. The document review table is included as Attachment B. Action items from the meeting are included as Attachment C.

1.0 Navy Business/Action Items (Keith Forman, Navy)

Keith Forman (Navy) began the meeting with introductions. Mr. Ross Steenson (Water Board), Mr. Craig Cooper (USEPA), and Ryan Miya (DTSC) were present to represent the regulatory agencies involved on the project.

Action Items from the May meeting include the following:

- The Navy will share the results of the groundwater sampling event near the RU-C2 area with the regulatory agencies. The Navy is currently awaiting the laboratory data results.
Completed.
- The Navy will send an over-the-shoulder review of the draft Remedial Design (RD) Parcel C responses to comments (RTCs) to the agencies prior to the report issue date on July 15, 2012.
Completed.

2.0 Radiological Update (Chris Yantos, Navy)

Mr. Yantos began the radiological program update and summarized the Crisp Road/Parcel E sanitary sewer and storm drain removals and building surveys. Mr. Yantos said that the Navy has received free release letters from the California Department of Public Health (CDPH) on Building 414 and Sites 701 and 704. The Final Status Survey (FSS) for Site IR-04 and Building 807 was submitted on February 10, 2012, and CDPH requested confirmation samples which have been provided. Mr. Miya asked Mr. Larry Morgan (CDPH) if they had any results from the sampling yet. Mr. Morgan said that they did not but he would contact the laboratory to see if they could get the results sooner. The Final UC-3 Radiological Remedial Action Completion Report (RACR) was submitted on March 16, 2012; the Navy has received DTSC and CDPH concurrence on the RACR and is awaiting a free release letter.

The sanitary sewer and storm drain removal began in Parcel C on January 4, 2011. To date, 22,907 linear feet of sanitary sewer and storm drain lines have been removed from Parcel C, which is about 65 percent completion of the project. The Navy has excavated 35,979 cubic yards of materials and restored/repaved 38 of 41 active survey units.

Mr. Yantos summarized the Parcel C building surveys. The Final FSS Report for Building 214 was submitted on November 2, 2011. The Navy has received a free release letter for Building 214 from CDPH. CDPH performed confirmation surveys of Buildings 203, 241, 271, and 272 on May 23, 2012. The Navy is awaiting offsite data for five survey units at the North Pier area. Mr. Yantos noted that Tetra Tech is taking over the contract for the onsite radiological laboratory and fieldwork at Parcel C will continue as it's currently being done. The facility and equipment for the onsite laboratory will be the same. Mr. Miya asked Mr. Morgan for an update and Mr. Morgan noted that CDPH be will done with their review of Parcel B, Buildings 203, 271, and 272 by August 1, 2012. Building 241 will come after those sites.

The fieldwork at the Parcel E 500 Series is complete. The internal Draft FSS for Buildings 503, 506, and 509 is currently under Navy review. The Draft FSS for Buildings 500, 521, and Former Buildings 509, 529 and 510/510A is currently in regulatory review. Scans have been completed and the Navy is awaiting off-site analytical results for the Buildings 507, 508, and 520 and Shacks 79/80 sites. The 500 Series Area scanning and sampling is 83 percent complete.

The Parcel E 500 Series sanitary sewer and storm drain removals began on July 12, 2011. The Navy has removed 16,119 linear feet of sanitary sewers and storm drains from Parcel E, which is about 40 percent of the total removal area. The Navy has restored 19 of 24 active survey units.

Mr. Yantos noted that the Final Gun Mole Pier Task Specific Addendum was issued and work commenced on May 14, 2012. Subsurface vault and manhole sediment sampling along the pier is complete. Removal of the concrete pads and structure is complete and removal of the utility corridors is 50 percent complete. The Navy is currently reviewing sampling results and some areas will require additional remediation. The Navy has completed remediation of four survey units impacted with cesium-137. Upon completion of the work, final gamma walkover data will be collected from the site. Mr. Cooper asked if the Navy could show him a map of the data points where they had cesium-137 exceedances. In addition, he would like the reports to give additional explanation within their radiological reports concerning these cesium-137 exceedances.

Additional field work at the South Pier started in July 2012; subsurface vault sediment sampling is complete and surveys of the concrete walls and utility hoods are 20 percent complete. The Final South Pier Task Specific Plan Addendum was issued to the regulatory agencies and final gamma walkover data will be collected at the end of the project.

In Parcel D-1, at Building 383 the Navy has completed removal of the concrete foundation and conducted a gamma survey of exposed soil with no elevated readings. Buildings 274, 313, 313A, and 322 Sites have been surveyed and sampled and the internal Draft FSS report is currently in Navy review. The sanitary sewer and storm drain removals are complete and the Navy is preparing the final survey unit reports. The Navy is also working on responses to regulatory comments for Survey Unit Project Reports (SUPR) packages 101 through 106. SUPR package 107 is the only one remaining and will include four survey units.

The Final Parcel B RACR was submitted to the regulatory agencies in March 2012, and the Navy is awaiting free release letters from CDPH. A no further action letter was received from CDPH on the draft version of the RACR. The Final Parcel UC-3 Radiological RACR with RTCs was issued in March 2012. The Navy is awaiting a free release letter from CDPH.

Mr. Yantos noted that the second version of the Draft Radiological Risk and Dose Modeling for Sites IR-07/18 was submitted on September 12, 2011. The Navy and CDPH held a meeting on April 2, 2012 to identify specific sections requiring revisions. The Navy revised the text and provided additional information according to comments received by CDPH. The Navy submitted an over-the-shoulder review of the revisions to CDPH on June 29, 2012 and the Navy expects CDPH to review and respond to these revisions by mid-August. Mr. Forman asked Mr. Jeff Wong (CDPH) the status of their review. Mr. Wong responded that it looks good from their initial review but they wanted to give some new staff a chance to review the document as well. Mr. Morgan noted that they expect to send very minor comments or a no further comment letter for the report.

Mr. Cooper asked about the Building 707 area and the ongoing remediation in that area. Mr. Yantos responded that to date, they have collected over 1,800 radiological screening samples. This area was a former drum storage area and there were historic spills in the area. The Navy has found strontium and cesium throughout the area. The radiological contamination is being found approximately 12 inches below ground surface, so the Navy is doing potholes down to 24 inches to fully characterize the site and they think that they have the strontium contamination bounded both laterally and vertically. He is planning on presenting this information at the next BCT meeting.

3.0 RU-C2 Pre-Design Investigation, Parcel C (Lora Battaglia, Navy)

Ms. Battaglia gave some background on RU-C2, which is located in the center of Parcel C, west of RU-C1 and north of RU-C4. The key features at the site include Building 251 and 258. There are two volatile organic compound (VOC) plumes in groundwater with the primary groundwater chemicals of concern (COCs) being trichloroethylene (TCE), tetrachloroethylene (PCE), carbon tetrachloride, and chlorobenzene. The primary soil COCs are arsenic, lead, zinc, and polyaromatic hydrocarbons (PAHs).

The remedial action for groundwater was finalized in the Parcel C Record of Decision (ROD) and included in-situ remediation of VOCs in groundwater with zero-valent iron (ZVI) remediation, bioremediation, and a monitored natural attenuation (MNA) area. The purpose of the pre-design characterization was investigation of the VOC plume in support of the in-situ remediation and soil vapor investigation to better define the area warranting soil vapor extraction (SVE) at Building 251.

Ms. Battaglia gave a summary of the investigation around Building 251 which included six Tier I hydropunches, two Tier II hydropunches, soil and grab groundwater sampling, analysis of soil and groundwater for VOCs, and collection of bio-indicator samples for analyses at five locations and soil vapor samples at nine locations. Results of the groundwater investigation indicated that COCs exceeded residential screening levels in groundwater at five of eight shallow locations and at all three deeper sample locations. The COCs detected in the shallow locations included 1,4-dichlorobenzene, 1,2,4-trimethylbenzene, chlorobenzene, naphthalene, chloroform, PCE, TCE, and vinyl chloride. In the deeper samples, COCs detected included carbon tetrachloride and PCE.

Soil samples were collected at soil vapor sampling locations and hydropunch locations. COCs exceeded the residential screening levels at two locations and included 1,2,4-trimethylbenzene, 1,4-dichlorobenzene, and naphthalene. Soil vapor results exceeded screening criteria in nine samples and included concentrations of PCE, TCE, and vinyl chloride.

At Building 258, hydropunch samples were attempted in February 2012 but encountered bedrock at 3.5 feet below ground surface. Soil vapor samples were collected in April 2012 at nine locations. Eight temporary monitoring wells were installed in the area at 20 feet and 40 feet below ground surface. The temporary wells were installed using an air rotary drill rig with air hammer drilling bit. Soil vapor samples were collected for VOC analysis. Carbon tetrachloride exceeded screening criteria in all nine samples, benzene in two of nine samples, chloroform in seven of nine samples and PCE in three of nine samples. COCs in groundwater exceeded residential screening values in six of eight samples. Lack of COC exceedances up-gradient suggest that Building 217 is not likely a contributing source to groundwater contamination.

Ms. Battaglia summarized the investigation work at the site but noting that ZVI, bioremediation, and SVE were delineated at Building 251. The primary COCs at Building 251 are PCE, TCE, and chlorobenzenes. PCE and TCE were detected in groundwater at higher concentrations in the deeper sampling interval. Bioremediation at Building 258 was delineated and carbon tetrachloride is the primary COC at the site. Building 217 does not appear to be a source. The temporary monitoring wells have been left in place to obtain additional groundwater samples and the wells will be abandoned prior to injections so they do not provide preferential pathways. The data will be included in the remedial design to be issued on July 27, 2012. Ms. Battaglia noted that the technical memorandum containing these data will be an addendum to the remedial action work plan.

4.0 Clean Soil/Backfill Protocols (Lara Urizar, Navy)

Ms. Urizar presented the backfill protocols used at HPNS. Relevant guidance documents used include DTSC's Information Advisory for Clean Imported Fill Material, which advises on the number of samples to collect based on import volume and on analytical tests to be performed based on the nature of the borrow source. In addition, the Navy uses the HPNS basewide Backfill Review and Acceptance Procedure which describes procedures for characterizing backfill sources and preparing characterization data for Navy review. The Navy also uses the site-specific decision documents that include site-specific remediation goals and ambient levels to be used as fill criteria. This also includes geotechnical requirements and additional chemical testing requirements.

Ms. Urizar also presented the DTSC guidance that lists the potential contaminants based on the source of the fill material, examples of source fill material include land near existing freeway, near a mining area, agricultural land, and/or residential/commercial land. Ms. Urizar also presented the DTSC's recommended fill material sampling schedule based on the area of the individual borrow area and the volume of the borrow area stockpile. In order to identify site-specific import fill criteria, the Navy first uses the Backfill Review and Acceptance Procedure which provides a preliminary set of import fill criteria, ambient levels of metals, and site-specific documents from HPNS that provide additional criteria in the form of remediation goals or other risk-based goals. If DTSC guidance specifies analytical testing for chemicals that have not been assigned basewide or site-specific criteria, then the regulatory criteria are used such as USEPA regional screening levels.

For chemical samples, each source must be sampled and evaluated independently. The number of samples collected is based on DTSC guidance, the volume of sample is based on laboratory requirements, the samples are sent to Navy-approved laboratories, and the analysis is performed in accordance with DTSC guidance and HPNS parcel-specific requirements. Geotechnical

samples also follow the same specifications. Mr. Cooper noted that finding clean fill within the San Francisco Bay area is difficult. He also asked if the fill samples are discrete or composite samples. The Navy collects discrete samples based on a grid sampling procedure that is included in the DTSC guidance document.

Data analysis is reviewed by a qualified engineer, geologist, or chemist and geotechnical data are reviewed by a qualified engineer. All data must meet import fill criteria and specifications developed for the project. A straight comparison between the data and criteria is performed and if a set of samples fails multiple tests, then the source is rejected. If a set of samples includes a single exceedance of a screening criterion or specification, the project chemist may recommend further data review or investigation to justify source acceptance. The documentation is then compiled and the Borrow Source Assessment Worksheet is signed off by the appropriate managers. The completed package is sent to the Remedial Project Manager for Navy concurrence and signature. The fully executed Worksheet is submitted to the Resident Officer in Charge of Construction (ROICC). The Worksheets for each imported material are included in the post-completion document.

Mr. Cooper asked whether the soil was tested after it got to HPNS or before. Ms. Urizar responded that all testing is done at the source site since transportation is the most expensive part of bringing fill soil to the site. In addition, the Navy added that they don't rely on testing done by others; they only rely on samples they collect and process.

5.0 Parcel E-2 ROD Responses To Comments (Lara Urizar, Navy)

Ms. Urizar wanted to review agency comments on the ROD and the Navy's preliminary responses for topics requiring further discussion. Some of these topics include potential residential reuse, integration of removal and remedial actions, remediation approach for radionuclides, remediation approach for groundwater, landfill gas treatment, and the freshwater wetlands.

Comments on the potential residential reuse from the USEPA included acknowledging the potential risk to future occupants of the Shipyard South Multi-Use District portion and checking soil contamination in this area against hot spot goals. The USEPA would like a remedial action objective to address vapor intrusion from VOC contamination in soil and groundwater, and the remaining VOC contamination should be addressed by the selected remedy. The Navy's preliminary response to these comments states that the remedy could properly contain low-level soil contamination in the portion of Parcel E-2 that the USEPA is concerned about and thereby accommodate future industrial and residential use in this area. Soil concentrations in this area were compared to the hot spot goals and did not exceed them. In addition, the Navy will not include another remedial action objective because they are going to change the boundary of Parcel E-2 to address this issue. The San Francisco Department of Public Health would like the Navy to undertake steps to remove the proposed use restrictions on the Shipyard South Multi-Use District. The Navy has decided that a parcel boundary change in this area is the most effective way to align the CERCLA documentation with the City's amended redevelopment plan. The boundary will be changed so that this district is no longer part of Parcel E-2. DTSC commented that the chemical risks and noncancer hazards for all areas should be evaluated using the residential exposure scenario independent of the planned reuse. The Navy's human health risk assessment focused on the reasonable anticipated reuse of the parcel and this is consistent with Navy and USEPA guidance documents. DTSC would like to see the exceedances under the

residential scenario to better justify the selected remedy. The Navy noted that risk assessments for less conservative exposure scenarios that pose an unacceptable risk to human health require evaluation of remedial alternatives, and therefore the Navy does not plan on conducting a residential risk assessment.

The USEPA wants the ROD to clearly describe the relationship and consistency between the past and upcoming removal actions in Parcel E-2 and the selected remedy, and the Navy will do this. The USEPA would like the past removal actions checked for compliance with the ROD remedial goals; the Navy evaluated these removal actions in the remedial investigation/feasibility study report and they are fully described in the ROD. The USEPA would like the Experimental Ship Shielding removal action identified and have it committed to meeting the ROD remedial goals. Since this removal action is not yet complete, the remedial design will evaluate post-excavation conditions and specify whether additional excavation is necessary to achieve the cleanup goals in the ROD.

The USEPA would like the ROD revised to clearly describe the remedial action, the requirement of additional scanning/sampling, and how the drain lines will be addressed with respect to radiological contamination. The Navy will revise the ROD to address these issues. The USEPA asked about the groundwater standards in Table 7 of the ROD and if they are compliant with the California Toxics Rule. The Navy responded that the California Toxics Rule was not identified as remediation goals for shallow groundwater. The USEPA would like the Navy to identify the process for identifying groundwater points of compliance and the process for triggering when groundwater extraction will occur. The Navy noted that the remedial design will develop specific groundwater monitoring criteria to address potential risks to aquatic life in San Francisco Bay, and that the point of compliance is located at the Parcel E-2 boundary.

The Water Board stated that both an enclosed flare and adsorbent material are necessary to contain both methane and non-methane organic compounds (NMOC) and the ROD should be revised to include both methods. The Navy responded that the conceptual design in the remedial investigation/feasibility study did not have an alternative that included both methods and the Navy does not agree that both methods are needed because there are no applicable or relevant and appropriate requirements (ARAR) that require treatment of NMOC. There will be additional studies conducted as part of the remedial design to better estimate the gas generation rates and determine the content of the landfill gas.

The Water Board stated that the water sources for the new wetlands must consist of only clean surface water and/or flow from the San Francisco Bay and that contaminated runoff or groundwater should not be directed into the new wetland. The Navy noted that the remedial investigation/feasibility study included a preliminary assessment of groundwater quality west of the Parcel E-2 landfill area and that the only COCs were un-ionized ammonia and sulfide that both are readily transformed into non-toxic compounds upon discharge to oxygenated surface water. The Navy believes that the available data are adequate to support the conceptual design of the groundwater flow diversion system.

The Navy will send an electronic over the shoulder review of the RTCs the agencies the week of August 8, 2012 and will have a working meeting tentatively scheduled for August 16, 2012. The draft final ROD is expected to be issued on September 10, 2012.

6.0 Transfer Schedule Update (Keith Forman, Navy)

Mr. Forman noted that there have been no schedule slips since the last BCT meeting but that the dates for submitting the total petroleum hydrocarbon closure reports for Parcels C and E have been changed and are to be determined. The dates will be determined when they get contractually obligated. The Navy will work with the City on doing a draft Finding of Suitability to Transfer for Sites 7/18 around the second week of August. Parcel D-2 is expected to get conveyed to the City sometime during 2012 which will be the first conveyance since 2004.

7.0 Community Involvement Update (Matt Robinson, CirclePoint)

Mr. Robinson noted that achievements in July included the organization of the HPNS bus tour which will happen on July 28, 2012. The community outreach team sent letters with flyers to 78 organizations, area churches, and Chinese community leaders. The team sent out the flyer to the email distribution list and distributed bus tour flyers at the June community meeting and at the True Hope Church. YCAT distributed flyers within the community.

The July bus tour event will have two tours during the day, and both tours filled up within four days of advertising the tour. The Navy has waiting lists for both tours and currently 30 community members are signed up for the September bus tour. A total of 60 participants, including 10 Navy or regulatory representatives, are scheduled to attend the bus tour. On July 8, 2012 the Navy gave a presentation at True Hope Church and was able to distribute outreach materials and obtain several bus tour sign-ups. The community outreach team approached Mariners Village and Morgan Heights homeowner associations and they are not interested in having the Navy make a presentation. The community outreach team was on hand at Sunday Streets on July 22, 2012 to distribute print materials and obtain mailing list sign-ups; they received 16 additional bus tour signups for the September tour. Mr. Forman taped a segment for KQED radio on July 19, 2012 and the air date has yet to be determined.

The Navy distributed the updated 2012 HPNS Calendar of Events and HPNS Quarterly Progress Report for second quarter 2012 to the email distribution list and will distribute at the August community meeting.

August goals include continued distribution of print materials and finalization of the postcard mailer to update the mailing list. The next community meeting will be August 22, 2012 at the Bayview Opera House. The Navy will continue to plan for the next September bus tour and will start thinking about the Community Involvement Plan Update.

8.0 Action Items/Future Meetings (Keith Forman, Navy)

- Mr. Cooper would like to see the data points where the Navy found low-level cesium detections in the utility corridor investigation along the Gun Mole Pier.
- Mr. Cooper would like the Navy to better describe within their radiological reports the management of low-level cesium hits.
- The Navy will submit a letter to the regulatory agencies documenting the new Parcel boundary between Parcel E and E-2.
- The September 27, 2012 BCT meeting has been moved to September 20, 2012.

- The next BCT meeting will be held on August 23, 2012 at CH2M HILL's offices in Oakland, California. Action items are included as Attachment C.

ATTACHMENT A**HUNTERS POINT NAVAL SHIPYARD
MEETING ATTENDANCE SHEET**

Topic: BCT Meeting
Location: CH2M HILL
155 Grand Avenue
Oakland, CA
Date/Time: July 26, 2012 / 10:00 a.m.

Organization	Name	Phone Number	E-Mail Address	Present
Navy	Keith Forman	619-532-0913	keith.s.forman@navy.mil	X
	Melanie Kito	619-532-0787	melanie.kito@navy.mil	
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Water Board	Ross Steenson	510-622-2445	rsteenson@waterboards.ca.gov	X
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	Kurt Jackson			
	Larry Morgan			X
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CDFG	Charlie Wong			
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Organization	Name	Phone Number	E-Mail Address	Present
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	Bob Hunt	619-672-2796	rhunt@onesullivan.com	X

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ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Documents Historically Reviewed									
1	B	Draft Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Third Quarter 2011	4/6/12	5/4/12				5/9/12	
2	E	Draft Parcel E Soil Excavation Characterization Work Plan	4/9/12	5/9/12			5/9/12		5/21/12
3	C	Final, Final Status Survey Results, Building 203	4/10/12	5/11/12					
4	E	Final Survey Unit 201 Project Report	4/16/12	n/a					
5	E-2	Draft TCRA Work Plan for Ship Shielding Area	4/18/12	5/21/12		5/7/12	5/7/12	5/8/12	5/7/12 (no comments)
6	E-2	Final Landfill Gas Monitoring Report, January-March 2012, Post Removal Action	4/26/12	n/a					
7	D-1	Draft Survey Unit Project Report for Survey Units 253, 255, 262, 266, and 270	4/24/12	5/24/12			5/18/12		
8	C	Final, Final Status Survey Results, Building 241	4/24/12	5/23/12					
9	C	Draft Survey Unit Project Reports for Survey Units 213, 221, 226, and 231	4/25/12	5/25/12			5/22/12		

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
Document Review Period Recently Completed									
1	B	Final Remedial Action Completion Report for IR Sites 07 and 18	5/14/12	n/a					
2	B	Draft Petroleum Hydrocarbon Corrective Action, Quarterly Monitoring Report, Fourth Quarter 2011	5/11/12	6/11/12				6/11/12	5/21/12 (no comments)
3	E	Draft Final Status Survey Results, Building 521	5/15/12	6/15/12			6/20/12		
4	E-2	Final Action Memo, TCRA for Ship Shielding	5/21/12	n/a					
5	D-1	Draft Work Package 104, Survey Units 258, 260, 263, 268, and 269	5/22/12	6/22/12			6/8/12		
6	D-1	Draft Work Package 106, Survey Units 271, 279, 280, 281, and 282	5/22/12	6/22/12			6/8/12		
7	E-2	Replacement Page for Final Action Memorandum TCRA for Ship Shielding Range	5/24/12	n/a					
8	C	Draft Survey Unit Project Reports for Survey Units 192, 194, 227, and 232	5/24/12	6/25/12			6/6/12		
Documents Currently Under Review									
1	C	Draft Petroleum Hydrocarbon Project Work Plan	5/18/12	7/18/12	Water Board Requested 30-day Extension				
2	C	Draft Survey Unit Project Reports for Survey Units 233, 234, 237, and 239	5/30/12	7/2/12			7/2/12		

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
3	E	Draft Final Status Survey Results, Building 500	6/4/12	7/5/12					
4	B	Action, Quarterly Monitoring Report, Third Quarter 2011	6/1/12	n/a					
5	UC-1,2	Final Remedial Action Work Plan	6/4/12	n/a					
6	E	Draft Survey Unit Project Reports for Survey Units 214, 215, 216 and 217	6/8/12	7/8/12			7/9/12		
7	E	Draft Survey Unit Project Reports for Survey Units 218, 222, 223, and 224	6/21/12	7/23/12					
8	E	Draft Final Status Survey Results, Former Building 529 Site	6/18/12	7/18/12					
9	E	Draft Final Status Survey Results, Former Building 510/510A Site	6/27/12	7/27/12					
10	B	Replacement Pages for Final Petroleum Hydrocarbon Site Closeout Report, Site-Specific Attachment for AOC 46-D Revision 1	6/29/12	n/a					
11	E	Final Work Plan Addendum to the Parcel E Groundwater Treatability Study	7/9/12	n/a					
12	E	Draft Final Status Survey Results at Former Building 509 Site	7/9/12	8/10/12					
13	E-2	Final WP Ship Shielding Range	7/9/12	n/a					
14	B, D-1, G and UC-2	Final Tech Memo for Monitoring Program Optimization	7/13/12	n/a					

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
15	B	Amendment to Revised Final Design Basis Report for Parcel B (Excluding IR Sites 7/18)	7/18/12	8/17/12					
16	E-2	And Analysis Plan, Interim Monitoring and Maintenance Program for Landfill Gas Control System	7/23/12	n/a					
Documents for Upcoming Review (next 3 months)									
1	B, D-1, G, UC-2	Revised Draft Soil Vapor Investigation Tech Memo	7/29/12	30 days from submittal date	Date Tentative				
2	C	Draft Final Remedial Design	7/27/12	30 days from submittal date	Date Tentative				
3	F	Draft Radiological Data Gaps Investigation Tech Memo Phase 2a	7/29/12	30 days from submittal date	Date Tentative				
4	F	Final Pier Demolition Removal Action Completion Summary Report	7/31/12	n/a	Date Tentative				
5	B	Post-Construction O&M Plan for Parcel B, IR Sites 7 and 18	8/3/12	30 days from submittal date	Date Tentative				
6	E	Draft IR 03 Treatability Study Report	8/6/12	30 days from submittal date	Date Tentative				
7	E	Final Parcel E Soil Excavation Characterization Work Plan	8/13/12	n/a	Date Tentative				

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
8	B	Draft Remedial Action Work Plan	8/14/12	30 days from submittal date	Date Tentative				
9	B	Draft Design Amendment Parcel B	8/17/12	30 days from submittal date	Date Tentative				
10	C	Draft Remedial Action Work Plan for RU-C1, RU-C4, RU-C5, and Building 241 Area	8/22/12	30 days from submittal date	Date Tentative				
11	C	Draft Remedial Action Work Plan for RU-C2	8/27/12	30 days from submittal date	Date Tentative				
12	E	Final Rad Addendum to Parcel E FS	8/31/12	n/a	Date Tentative				
13	E	Final Parcel E FS	8/31/12	n/a	Date Tentative				
14	E-2	Draft Final ROD to BCT	9/10/12	30 days from submittal date	Date Tentative				
15	G	Draft Remedial Action Work Plan	9/14/12	30 days from submittal date	Date Tentative				
16	C	Final Remedial Design	9/18/12	n/a	Date Tentative				
17	B	Final Design Amendment Parcel B	9/26/12	30 days from submittal date	Date Tentative				

ATTACHMENT B

HUNTERS POINT NAVAL SHIPYARD DOCUMENT TRACKING MATRIX

July 26, 2012

Item	Parcel	Document Name	Submittal Date	Expected Date for Comments	Notes	Agency Submittal of Comments			
						EPA	DTSC	Water Board	City of SF
18	E	Draft Tech Memo Soil Characterization	10/22/12	30 days from submittal date	Date Tentative				

CDPH	California Department of Public Health	RI	Remedial investigation
DTSC	Department of Toxic Substances Control	RTC	Response to comment
EPA	U.S. Environmental Protection Agency	SF	San Francisco
FOSL	Finding of suitability to lease	TCRA	Time critical removal action
FOST	Finding of suitability to transfer	TPH	Total petroleum hydrocarbon
FS	Feasibility study	Water Board	San Francisco Bay Regional Water Quality Control Board
FSS	Final Status Survey		
n/a	Not applicable		

ATTACHMENT C**HUNTERS POINT NAVAL SHIPYARD BASE REALIGNMENT AND CLOSURE CLEANUP TEAM ACTION ITEMS**

Item No.	Action Item	Person Authoring the Action Item	Due Date	Person/Agency Committing to Action Item	Resolution Status
New Action Items					
1	Mr. Cooper would like to see the data points where the Navy found low-level cesium detections in the utility corridor investigation along the Gun Mole Pier.	Navy		Navy	In progress.
2	Mr. Cooper would like the Navy to better describe within their radiological reports the management of low-level cesium hits.	Navy		Navy	In progress.
3	The Navy will submit a letter to the regulatory agencies documenting the new Parcel boundary between Parcel E and E-2.	Navy		Navy	In progress.